

Title (en)
OPERATION MACHINE

Title (de)
BETRIEBSMASCHINE

Title (fr)
ENGIN D'OPÉRATION

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Application
EP 15805924 A 20150226

Priority
• JP 2014118932 A 20140609
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Abstract (en)
[origin: EP3153713A1] Provided is a working machine capable of regenerating and utilizing surplus energy. The working machine related to the present invention is provided with a branching flow path (150) through which hydraulic oil flows between a hydraulic actuator (24) and a hydraulic pump-motor (14), an accumulator (30) arranged in the branching flow path, a first opening/closing valve (31) arranged between the accumulator and the hydraulic pump-motor, and a second opening/closing valve (32) arranged between the accumulator and the hydraulic actuator. A control device (41) selectively introduces the hydraulic oil from the hydraulic actuator and the hydraulic oil from the hydraulic pump-motor to the accumulator and accumulates the same by controlling opening/closing of the first opening/closing valve and the second opening/closing valve.

IPC 8 full level
F15B 21/14 (2006.01); **B60K 17/28** (2006.01); **B60K 25/06** (2006.01); **E02F 9/20** (2006.01); **E02F 9/22** (2006.01); **F15B 11/02** (2006.01); **F15B 11/04** (2006.01)

CPC (source: EP KR US)
B60K 17/28 (2013.01 - US); **B60K 25/06** (2013.01 - US); **E02F 9/202** (2013.01 - US); **E02F 9/22** (2013.01 - US); **E02F 9/2217** (2013.01 - EP KR US); **E02F 9/2253** (2013.01 - EP US); **E02F 9/2267** (2013.01 - KR US); **E02F 9/2289** (2013.01 - US); **E02F 9/2292** (2013.01 - US); **F15B 1/02** (2013.01 - KR); **F15B 1/024** (2013.01 - EP); **F15B 1/033** (2013.01 - EP); **F15B 11/02** (2013.01 - KR US); **F15B 11/04** (2013.01 - US); **F15B 21/14** (2013.01 - EP KR US); **B60K 2025/065** (2013.01 - US); **E02F 9/2228** (2013.01 - EP); **F15B 2211/20523** (2013.01 - EP); **F15B 2211/20546** (2013.01 - EP); **F15B 2211/20569** (2013.01 - EP); **F15B 2211/30595** (2013.01 - EP); **F15B 2211/327** (2013.01 - EP); **F15B 2211/35** (2013.01 - US); **F15B 2211/613** (2013.01 - EP); **F15B 2211/625** (2013.01 - EP US); **F15B 2211/6306** (2013.01 - EP); **F15B 2211/6309** (2013.01 - EP); **F15B 2211/6336** (2013.01 - EP); **F15B 2211/6652** (2013.01 - EP); **F15B 2211/7142** (2013.01 - EP); **F15B 2211/88** (2013.01 - EP)

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